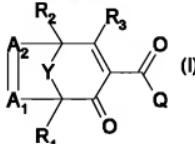


AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A compound of formula I



wherein

Y is oxygen, NR_{4a}, sulfur, sulfonyl, sulfinyl, C(O), C=NR_{4b}, C=CR_{6a}R_{6b} or a C₁-C₄alkylene or C₂-C₄alkenylene chain, which may be interrupted by oxygen, NR_{5a}, sulfur, sulfonyl, sulfinyl, C(O) or C=NR_{5b} and/or mono- or poly-substituted by R₆;

A₁ is nitrogen or CR₇;

A₂ is nitrogen or CR₈;

R₁, R₂, R₆, R₇ and R₈ are each independently of the others hydrogen, hydroxy, mercapto, NO₂, cyano, halogen, formyl, oxyiminomethylene, C₁-C₆alkoxyiminomethylene, C₁-C₆alkyl, C₁-C₆haloalkyl, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₁-C₆alkoxy, C₁-C₆alkenylxyloxy, C₃-C₆alkynylxyloxy, C₃-C₆oxacycloalkyl, C₃-C₆thiacycloalkyl, C₃-C₆dioxacycloalkyl, C₃-C₆dithiacycloalkyl, C₃-C₆oxathiacycloalkyl, C₁-C₆alkoxycarbonyl, C₁-C₆alkylcarbonyl, C₁-C₆alkoxycarbonyloxy, C₁-C₆alkylcarbonyloxy, C₁-C₆alkylthio, C₁-C₆alkylsulfonyl, C₁-C₆alkylsulfinyl, NR₉R₁₀, C₃-C₆cycloalkyl, tri(C₁-C₆alkyl)silyl, di(C₁-C₆alkyl)phenylsilyl, tri(C₁-C₆alkyl)silyloxy, di(C₁-C₆alkyl)phenylsilyloxy or Ar₁;

or R₁, R₂, R₆, R₇, R₈ are each independently of the others a C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl or C₃-C₆cycloalkyl group, which may be interrupted by oxygen, sulfur, sulfonyl, sulfinyl, -NR₁₁- or -C(O)- and/or mono-, di- or tri-substituted by hydroxy, mercapto, NO₂, cyano, halogen, formyl, C₁-C₆alkoxy, C₃-C₆alkenylxyloxy, C₃-C₆alkynylxyloxy, C₁-C₆haloalkoxy, C₁-C₆alkoxy-C₁-C₆alkoxy, C₁-C₆alkoxycarbonyloxy, C₁-C₆alkylcarbonyloxy, C₁-C₆alkoxycarbonyl, C₁-C₆alkylcarbonyl, C₁-C₆alkylthio, C₁-C₆alkylsulfinyl, C₁-C₆alkylsulfonyl, NR₁₂R₁₃, C₁-C₆alkyl, C₂-C₆alkenyl, C₂-C₆alkynyl, C₃-C₆cycloalkyl, tri(C₁-C₆alkyl)silyl, tri(C₁-C₆alkyl)silyloxy or Ar₂;

or two substituents R₆ at the same carbon atom together form a -CH₂O- or a C₂-C₆alkylene chain, which may be interrupted once or twice by oxygen, sulfur, sulfinyl or sulfonyl and/or mono- or poly-substituted by R_{6a}, with the proviso that two hetero atoms may not be located next to one another;

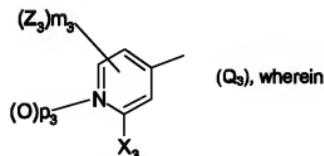
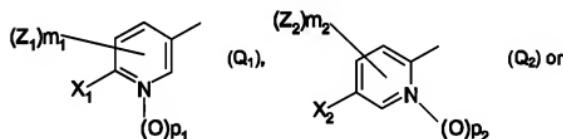
or two substituents R₆ at different carbon atoms together form an oxygen bridge or a C₁-C₄alkylene chain, which may in turn be substituted by R₆;

or R₇ and R₈ together form a -CH₂CH=CH-, -OCH=CH- or -CH=CH-CH=CH- bridge or a C₃-C₄alkylene chain, which may be interrupted by oxygen or -S(O)_n- and/or mono- or poly-substituted by R_{8d};

R₉ is hydroxy, halogen, mercapto, C₁-C₈alkylthio, C₁-C₈alkylsulfinyl, C₁-C₈alkylsulfonyl, C₁-C₈haloalkylthio, C₁-C₈haloalkylsulfinyl, C₁-C₈haloalkylsulfonyl, C₁-C₄alkoxy-C₁-C₄alkylthio, C₁-C₄alkoxy-C₁-C₄alkylsulfinyl, C₁-C₄alkoxy-C₁-C₄alkylsulfonyl, C₃-C₈alkenylthio, C₃-C₈alkynylthio, C₁-C₄alkylthio-C₁-C₄alkylthio, C₃-C₄alkenylthio-C₁-C₄alkylthio, C₁-C₄alkoxycarbonyl-C₁-C₄alkylthio, C₁-C₄alkoxycarbonyl-C₁-C₄alkylsulfinyl, C₁-C₄alkoxycarbonyl-C₁-C₄alkylsulfonyl, C₃-C₈cycloalkylthio, C₃-C₈cycloalkylsulfinyl, C₃-C₈cycloalkylsulfonyl, phenyl-C₁-C₄alkylthio, phenyl-C₁-C₄alkylsulfinyl, phenyl-C₁-C₄alkylsulfonyl, S(O)_n-Ar₃, phenylthio, phenylsulfinyl, phenylsulfonyl, it being possible for the phenyl-containing groups to be substituted by one or more C₁-C₈alkyl, C₁-C₈haloalkyl, C₁-C₈alkoxy, C₁-C₈haloalkoxy, C₁-C₈alkoxycarbonyl, halogen, cyano, hydroxy or nitro groups;

or R₃ is O⁺M⁺, wherein M⁺ is an alkali metal cation or an ammonium cation;

Q is a radical



p₁, p₂ and p₃ are 0 or 1;

m₁, m₂ and m₃ are 1, 2 or 3;

X₁, X₂ and X₃ are hydroxy, halogen, C₁-C₈alkyl, C₁-C₈haloalkyl, C₂-C₈alkenyl, C₂-C₈haloalkenyl, C₂-C₈alkynyl, C₂-C₈haloalkynyl, C₁-C₈alkoxy, C₁-C₈haloalkoxy, C₁-C₈alkylthio, C₁-C₈alkylsulfinyl, C₁-C₈alkylsulfonyl, C₁-C₈haloalkylthio, C₁-C₈haloalkylsulfinyl or C₁-C₈haloalkylsulfonyl;

Z_1 , Z_2 and Z_3 are C_1 - C_6 alkyl which is substituted by the following substituents: C_3 - C_4 cycloalkyl or C_3 - C_4 cycloalkyl substituted by halogen, C_1 - C_6 alkyl, C_1 - C_6 alkoxy or C_1 - C_6 alkoxy- C_1 - C_6 alkyl; oxiranyl or oxiranyl substituted by C_1 - C_6 alkyl or C_1 - C_6 alkoxy- C_1 - C_6 alkyl; 3-oxetanyl or 3-oxetanyl substituted by C_1 - C_6 alkyl, C_1 - C_6 alkoxy or C_1 - C_6 alkoxy- C_1 - C_6 alkyl; 3-oxetanyloxy or 3-oxetanyloxy substituted by C_1 - C_6 alkyl, C_1 - C_6 alkoxy or C_1 - C_6 alkoxy- C_1 - C_6 alkyl; C_3 - C_6 cycloalkyloxy or C_3 - C_6 cycloalkyloxy substituted by halogen, C_1 - C_6 alkyl, C_1 - C_6 alkoxy or C_1 - C_6 alkoxy- C_1 - C_6 alkyl; C_1 - C_6 haloalkoxy; C_1 - C_6 alkylsulfonyloxy; C_1 - C_6 haloalkylsulfonyloxy; phenylsulfonyloxy; benzylsulfonyloxy; benzoyloxy; phenoxy; phenylthio; phenylsulfinyl; phenylsulfonyl; Ar_{10} ; OAr_{12} ; tri(C_1 - C_6 alkyl)silyl or tri(C_1 - C_6 alkyl)silyloxy, it being possible for the phenyl-containing groups to be mono- or poly-substituted by C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_1 - C_6 alkoxy, C_1 - C_6 haloalkoxy, halogen, cyano, hydroxy or nitro; or Z_1 , Z_2 and Z_3 are 3-oxetanyl; 3-oxetanyl substituted by C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl or C_1 - C_6 alkyl; C_3 - C_6 cycloalkyl substituted by halogen, C_1 - C_6 alkyl or C_1 - C_6 alkoxy- C_1 - C_6 alkyl; tri(C_1 - C_6 alkyl)silyl; tri(C_1 - C_6 alkyl)silyloxy or $CH=P(phenyl)_3$; or Z_1 , Z_2 and Z_3 are a C_1 - C_6 alkyl, C_2 - C_6 alkenyl or C_2 - C_6 alkynyl group, which is interrupted by oxygen, $-O(CO)$, $-(CO)O$, $-O(CO)O$, $-N(R_{14})O$, $-ONR_{15}$, sulfur, sulfinyl, sulfonyl, $-SO_2NR_{16}$, $-NR_{17}SO_2$ or $-NR_{18}$ and is mono- or poly-substituted by L_1 ; it also being possible for L_1 to be bonded at the terminal carbon atom of the C_1 - C_6 alkyl, C_2 - C_6 alkenyl or C_2 - C_6 alkynyl group; or Z_1 , Z_2 and Z_3 are hydrogen, hydroxy, mercapto, NO_2 , cyano, halogen, formyl, C_1 - C_6 alkyl, C_1 - C_6 haloalkyl, C_2 - C_6 alkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 alkynyl, C_2 - C_6 haloalkynyl, C_1 - C_6 alkoxy, C_1 - C_6 haloalkoxy, C_1 - C_6 alkoxycarbonyl, C_1 - C_6 alkylcarbonyl, C_1 - C_6 alkylthio, C_1 - C_6 alkylsulfonyl, C_1 - C_6 alkylsulfinyl, $NR_{22}R_{23}$, phenyl which may be mono- or poly-substituted by C_1 - C_6 alkyl, C_1 - C_3 haloalkyl, C_1 - C_3 alkoxy, C_1 - C_3 haloalkoxy, halogen, cyano, hydroxy or nitro, C_3 - C_6 cycloalkyl, C_5 - C_6 cycloalkyl substituted by C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkyl or C_1 - C_6 alkyl, or Ar_5 , $O-Ar_6$, $N(R_{24})Ar_7$ or $S(O)n_6Ar_8$; L_1 is hydrogen, halogen, hydroxy, amino, formyl, nitro, cyano, mercapto, carbamoyl, $P(O)(OC_1-C_6alkyl)_2$, C_1 - C_6 alkoxy, C_1 - C_6 haloalkoxy, C_1 - C_6 alkoxycarbonyl, C_2 - C_6 alkenyl, C_2 - C_6 haloalkenyl, C_2 - C_6 alkynyl, C_2 - C_6 haloalkynyl, C_3 - C_6 cycloalkyl, halo-substituted C_3 - C_6 cycloalkyl, C_3 - C_6 alkenyloxy, C_3 - C_6 alkynloxy, C_3 - C_6 haloalkenyloxy, cyano- C_1 - C_6 alkoxy, C_1 - C_6 alkoxy- C_1 - C_6 alkoxy, C_1 - C_6 alkylthio- C_1 - C_6 alkoxy, C_1 - C_6 alkylsulfinyl- C_1 - C_6 alkoxy, C_1 - C_6 alkylsulfonyl- C_1 - C_6 alkoxy, C_1 - C_6 alkoxycarbonyl- C_1 - C_6 alkoxy, C_1 - C_6 alkylcarbonyloxy- C_1 - C_6 alkylcarbonyl, C_1 - C_6 alkylthio, C_1 - C_6 alkylsulfinyl, C_1 - C_6 alkylsulfonyl, C_1 - C_6 haloalkylthio, C_1 - C_6 haloalkylsulfinyl, C_1 - C_6 haloalkylsulfonyl or oxiranyl, which may in turn be substituted by C_1 - C_6 alkyl, C_1 - C_6 alkoxy or C_1 - C_6 alkoxy- C_1 - C_6 alkyl, or (3-oxetanyl)-oxy, which may in turn be substituted by C_1 - C_6 alkyl, C_1 - C_6 alkoxy or C_1 - C_6 alkoxy- C_1 - C_6 alkyl, or benzoyloxy, benzoyloxy, benzylthio, benzylsulfinyl, benzylsulfonyl, C_1 - C_6 alkylamino, di(C_1 - C_6 alkyl)amino, $R_{19}S(O)_2O$, $R_{20}N(R_{21})SO_2$, rhodano, phenyl, phenoxy, phenylthio, phenylsulfinyl,

phenylsulfonyl, Ar₄ or OAr₁₁, it being possible for the phenyl-containing groups in turn to be substituted by one or more C₁-C₃alkyl, C₁-C₃haloalkyl, C₁-C₃alkoxy, C₁-C₃haloalkoxy, halogen, cyano, hydroxy or nitro groups;

R_{4a} and R_{5a} are each independently of the other hydrogen, C₁-C₆alkyl, C₁-C₆haloalkyl, cyano, formyl, C₁-C₆alkylcarbonyl, C₁-C₆alkoxycarbonyl, carbamoyl, C₁-C₆alkylaminocarbonyl, di(C₁-C₆alkylamino)carbonyl, di(C₁-C₆alkylamino)sulfonyl, C₃-C₆cycloalkylcarbonyl, C₁-C₆alkylsulfonyl, phenylcarbonyl, phenylaminocarbonyl or phenylsulfonyl, it being possible for the phenyl groups to be mono- or poly-substituted by C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, halogen, cyano, hydroxy or nitro;

R_{4b} and R_{5b} are each independently of the other hydroxy, C₁-C₆alkoxy, C₃-C₆alkenyloxy, C₃-C₆alkynyoxy or benzyloxy, it being possible for the benzyl group to be mono- or poly-substituted by C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, halogen, cyano, hydroxy or nitro;

R₆, R₁₁, R₁₃, R₁₆, R₁₇, R₁₈, R₂₀, R₂₃ and R₂₄ are each independently of the others hydrogen, C₁-C₆alkyl, Ar₉, C₁-C₆haloalkyl, C₁-C₆alkylcarbonyl, C₁-C₆alkoxycarbonyl, C₁-C₆alkylsulfonyl, phenyl, it being possible for the phenyl group in turn to be mono- or poly-substituted by C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, halogen, cyano, hydroxy or nitro;

R_{6a} is hydrogen, C₁-C₆alkyl or C₁-C₆alkylcarbonyl; or together with R_{6b} is a C₂-C₆alkylene chain;

R_{6b}, R_{6d}, R₁₀, R₁₂ and R₂₂ are each independently of the others hydrogen or C₁-C₆alkyl;

R_{6c}, R₁₄, R₁₅, R₁₉ and R₂₁ are each independently of the others C₁-C₆alkyl or C₁-C₆haloalkyl;

Ar₁, Ar₂, Ar₃, Ar₄, Ar₅, Ar₆, Ar₇, Ar₈, Ar₉, Ar₁₀, Ar₁₁ and Ar₁₂ are each independently of the others a five- to ten-membered, monocyclic or fused bicyclic ring system, which may be aromatic, partially saturated or fully saturated and may contain from 1 to 4 hetero atoms selected from nitrogen, oxygen, sulfur, C(O) and C=NR₂₅), and each ring system may contain not more than two oxygen atoms, not more than two sulfur atoms, not more than two C(O) groups and not more than one C=NR₂₅ group, and each ring system may itself be mono- or poly-substituted by C₁-C₆alkyl, C₁-C₆haloalkyl, C₂-C₆alkenyl, C₂-C₆haloalkenyl, C₂-C₆alkynyl, C₂-C₆haloalkynyl, C₁-C₆alkoxy, C₁-C₆haloalkoxy, C₃-C₆alkenyloxy, C₃-C₆alkynyoxy, mercapto, amino, hydroxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₃-C₆alkenylthio, C₃-C₆haloalkenylthio, C₃-C₆alkynylthio, C₁-C₆alkoxy-C₁-C₆alkylthio, C₁-C₆alkylcarbonyl-C₁-C₆alkylthio, C₁-C₆alkoxycarbonyl-C₁-C₆alkylthio, cyano-C₁-C₆alkylthio, C₁-C₆alkylsulfinyl, C₁-C₆haloalkylsulfinyl, C₁-C₆alkylsulfonyl, C₁-C₆haloalkylsulfonyl, aminosulfonyl, C₁-C₆alkylaminosulfonyl, N,N-di(C₁-C₆alkyl)aminosulfonyl, di(C₁-C₆alkyl)amino, halogen, cyano, nitro or phenyl, it being possible for the phenyl group in turn to be substituted by hydroxy, C₁-C₆alkylthio, C₁-C₆haloalkylthio, C₃-C₆alkenylthio, C₃-C₆haloalkenylthio, C₃-C₆alkynylthio, C₁-C₆alkoxy-C₁-C₆alkylthio, C₁-C₆alkylcarbonyl-C₁-C₆alkylthio, C₁-C₆alkoxycarbonyl-C₁-C₆alkylthio, cyano-C₁-C₆alkylthio, C₁-C₆alkylsulfinyl, C₁-C₆haloalkylsulfinyl, C₁-C₆alkylsulfonyl, C₁-

C₆haloalkylsulfonyl, aminosulfonyl, C₁-C₂alkylaminosulfonyl, N,N-di(C₁-C₂alkyl)aminosulfonyl, di(C₁-C₄alkyl)amino, halogen, cyano or nitro, and the substituents at the nitrogen atom in the heterocyclic ring being other than halogen, and two oxygen atoms not being located next to one another;

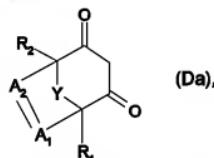
R₂₅ is hydrogen, hydroxy, C₁-C₆alkyl, C₁-C₆haloalkyl, C₁-C₆alkoxy, C₁-C₆alkylcarbonyl,

C₁-C₆alkoxycarbonyl or C₁-C₆alkylsulfonyl; and

n₁ is 0, 1 or 2; and n₆ is 0, 1 or 2;

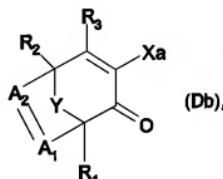
or an agronomically acceptable salt, isomer/enantiomer, or I/Itautomer of such a compound.

2. (Withdrawn) A compound of formula Da



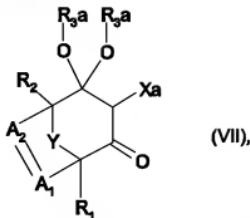
wherein Y, R₁, R₂, A₁ and A₂ are as defined for formula I in claim 1.

3. (Withdrawn) A compound of formula Db



wherein A₁, A₂, R₁, R₂ and Y are as defined for formula I in claim 1, Xa is hydrogen, chlorine or bromine and R₃ is hydroxy or C₁-C₆alkoxy, with the exception of the compounds 3-chloro-8-oxa-bicyclo[3.2.1]oct-6-ene-2,4-dione; 3-chloro-bicyclo[3.2.1]oct-6-ene-2,4-dione; 3-chloro-4-hydroxy-bicyclo[3.2.1]octa-3,6-dien-2-one; 3,4-dibromo-8-oxa-bicyclo[3.2.1]octa-3,6-dien-2-one; 3,4-dibromo-1,5-dimethyl-8-oxa-bicyclo[3.2.1]octa-3,6-dien-2-one; 3,4-dibromo-bicyclo[3.2.1]octa-3,6-dien-2-one; 3,4-dichloro-8-oxa-bicyclo[3.2.1]octa-3,6-dien-2-one; 3,4-dichloro-bicyclo[3.2.1]octa-3,6-dien-2-one and 7,8-dibromo-5,9-dihydro-5,9-methano-benzocyclohepten-6-one.

4. (Withdrawn) A compound of formula VII



wherein A₁, A₂, R₁, R₂, Y are as defined for formula I in claim 1, Xa is hydrogen, chlorine or bromine and R_{3a} is C₁-C₆alkyl or two R_{3a} together are -CH₂CH₂-.

5. (Original) A herbicidal and plant-growth-inhibiting composition, comprising a herbicidally effective amount of a compound of formula I according to claim 1 on an inert carrier.

6. (Original) A method of controlling undesired plant growth, which method comprises applying a compound of formula I according to claim 5, or a composition comprising such a compound, in a herbicidally effective amount to a plant or to the locus thereof.

7. (Original) A method of inhibiting plant growth, which method comprises applying a compound of formula I according to claim 5, or a composition comprising such a compound, in a herbicidally effective amount to a plant or to the locus thereof.